

GENETIC ENGINEERING OF COTTON PLANTS AND LINES

Abstract of the Disclosure

5 A method is disclosed to achieve genetic transformation  
of cotton plants and lines. Immature cotton tissues are  
genetically transformed in vitro, by Agrobacterium-mediated  
genetic transformation. The resultant cotton tissues are  
subjected to a selection agent or agents to screen for  
transformants. The transformed cultures are then induced  
to commence somatic embryogenesis. One possible regime  
10 for regenerating such somatic embryos into whole cotton  
plants is disclosed.

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